COMPUTER SCIENCE STANDARD LEVEL, INTERNATIONAL BACCALAUREATE
(COMPSCI S IB)

4586

Computer Science Standard Level, International Baccalaureate guides students through problem solving strategies and definitions to the construction of algorithms to create solutions, thereby developing skills of logic and analytical thinking. The common core includes: systems life cycle and software development, program construction in Java, computing system fundamentals, a case study, and a program dossier.

- Recommended Grade Level: Grades 11 and 12
- Credits: 2 semester course, 1 credit per semester
- Counts as a Mathematics Course for the International Baccalaureate diploma or as an Elective or Directed Elective for any diploma
- A Career Academic Sequence, Career-Technical program or Flex Credit course
- Applies to Core 40 math required during junior or senior year
- Career Clusters: This course may benefit students for career pathways in several career clusters. it is a recommended component for several career pathways in the Information Technology and Science, Technology, Engineering & Mathematics clusters
- Career pathway information: http://www.doe.in.gov/octe/facs/CrrClstrGrid.html